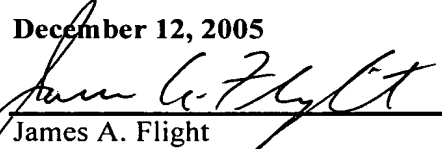


*IFW*



PATENT  
Docket No. INTEL/16136X

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): Mingqiu Sun	)	I hereby certify that this paper is
	)	being deposited with the United
Serial No.: 10/608,683	)	States Postal Service with
	)	sufficient postage as first class
Filed: June 27, 2003	)	mail in an envelope addressed to:
	)	Commissioner for Patents, P.O.
For: "Methods and Apparatus to Manage	)	Box 1450, Alexandria, VA 22313-
a Cache Memory"	)	1450 on this date:
	)	
Group Art Unit: 2186	)	<b>December 12, 2005</b>
	)	
Examiner: Michael C. Krofcheck	)	James A. Flight
	)	Registration No. 37,622
	)	Attorney for Applicant(s)

**AMENDMENT TRANSMITTAL**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith is a response to the Office action pending in the above application.

**1. Small Entity Status**

- ☐ Verified statement(s) claiming small entity status is(are) attached.
- ☐ Small entity status has been established and is still effective.
- ☒ Has not been established.

**2. Fee for Claims**

- ☒ The fee for additional claims [(37 CFR 1.16(b)-(d))] has been calculated as shown below:

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest No. Previously Paid For		Present Extra	Rate	Additional Fee	Rate	Additional Fee
TOTAL	46	MINUS	46	= 0	x25=	\$	x50=	\$0
INDEP.	6	MINUS	6	= 0	x100=	\$	x200=	\$0
First Presentation of Multiple Dependent Claim					+180=	\$	+360=	\$
TOTAL ADDITIONAL FEE						\$	OR	\$

**3. Method of Payment of Fees**

- ☒ Attached is a check in the amount of: \$0
- ☐ Charge Deposit Account No. 50-2455 in the amount of: \$ \_\_\_\_\_

A copy of this Transmittal is enclosed.

**4. Deposit Account and Refund Authorization**

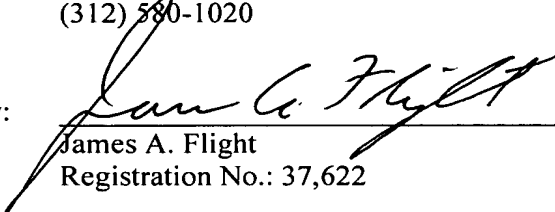
The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 1.17 to Deposit Account No. 50-2455. A copy of this Transmittal is enclosed.

Please refund any overpayment to Hanley, Flight & Zimmerman, LLC at the address below.

Respectfully submitted,

HANLEY, FLIGHT & ZIMMERMAN, LLC  
USPTO Customer No.: 44,006  
20 North Wacker Drive  
Suite 4220  
Chicago, Illinois 60606  
(312) 580-1020

By:

  
James A. Flight  
Registration No.: 37,622

December 12, 2005



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:

**Mingqiu Sun**

Serial No.: 10/608,683

For: METHODS AND  
APPARATUS TO MANAGE A  
CACHE MEMORY

Filed: June 27, 2003

Assignee: Intel Corporation

Group Art Unit: 2186

Examiner: Michael C. Krofcheck

) I hereby certify that this paper is  
) being deposited with the United  
) States Postal Service as first-class  
) mail, postage prepaid, in an  
) envelope addressed to: Mail Stop  
) Non-Fee Amendment,  
) Commissioner for Patents  
) P.O. Box 1450  
) Alexandria, VA 22313-1450, on  
) this date:

**December 12, 2005**

*James A. Flight*  
James A. Flight

Registration No. 37,622

Attorney for Applicant

**RESPONSE TO THE OFFICE ACTION DATED OCTOBER 12, 2005**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office action dated October 12, 2005, please enter  
the following amendments and consider the following remarks:

**The Amendments to the Specification** begin on page 2 of this paper.

**The Status of the Claims** is reflected in the listing of claims that begins on  
page 4 of this paper.

**Remarks** begin on page 14 of this paper.